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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/086,008	02/28/2002	Jacquelyn Annette Martino	US020031	1078

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS  
P.O. BOX 3001  
BRIARCLIFF MANOR, NY 10510

EXAMINER
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SHELEHEDA, JAMES R

ART UNIT	PAPER NUMBER
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2623

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/16/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/086,008	<b>Applicant(s)</b> MARTINO ET AL.	
	<b>Examiner</b> James Sheleheda	<b>Art Unit</b> 2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 11 December 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Eick et al. (Eick) (5,812,124).

As to claim 1, Eick discloses a device for displaying search results (Figs. 2 and 16-23), comprising:

at least one user interface and supporting processor connected thereto (Fig. 3), said user interface having at least one control and at least one output (column 4, lines 20-62);

said processor being configured to accept search results (column 9, line 51-column 10, line 55);

said user interface being adapted to apply control signals responsive to user input indicating a first feature of each of said search results (column 4, lines 20-62 and column 9, line 51-column 10, line 55);

said processor being configured to generate display data including multiple symbols (letters representing first letters in program titles; Figs. 16-22 and column 9, line 51-column 10, line 55) corresponding to respective one of said search results such

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that ones of said search results having a same value of said first feature are aggregated such that said ones are displayed as a single symbol (wherein all programming which begins with a particular letter is aggregated under that letter; Figs. 16-22 and column 9, line 51-column 10, line 55), wherein said ones of said search results are expandable such that symbols that represent each of said ones are displayed upon receipt of a user selection of said single symbol (user selection of the letter to view the program listing; see Fig. 19-22; column 9, line 51-column 10, line 55);

said processor being adapted to output said symbols for display by said user interface in the format of a list extending along a first axis of a display area (see Fig. 19-22; column 9, line 51-column 10, line 55).

As to claim 2, Eick discloses wherein said display data including symbols corresponding to multiple instances of a subset of said search results having a second feature and the same value of said first feature (titles with more than one occurrence; see Fig. 22; column 10, lines 5-19), each of said subset of said search results being selectively displayable by said user interface developed along a second axis of said display area (channel vs. time display indicating all of the occurrences of NOVA; column 10, lines 15-55).

As to claim 3, Eick discloses wherein said subset of said search results is displayed by said user interface along said second axis of said display area by

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indicating said symbol corresponding to said subset of said search results (column 10, lines 15-55).

As to claim 4, Eick discloses wherein said first axis defines a column (see Figs. 18-22).

As to claim 5, Eick discloses wherein said ones are displayed by said user interface along a second axis of said display area on a display control (see Fig. 19-23; column 9, line 51-column 10, line 55).

As to claim 6, Eick discloses wherein said display control permits selective expansion of details of said ones (selection of a symbol to access more information about items located under that symbol; see Fig. 19-23; column 9, line 51-column 10, line 55).

As to claim 7, Eick discloses wherein said ones may be selectively aggregated about chosen second features (aggregated together for having the same title and different times; see Fig. 22; column 10, lines 5-19).

As to claim 8, Eick discloses wherein said search results are broadcast events (broadcast television programs; column 4, lines 10-62).

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As to claim 9, Eick discloses wherein said first feature includes title (searching by title; column 9, line 51-column 10, line 55).

As to claim 10, Eick discloses a device for displaying search results (Figs. 2 and 16-23), comprising:

at least one user interface and supporting processor connected thereto (Fig. 3), said user interface having at least one control and at least one output (column 4, lines 20-62);

said processor being configured to accept search results (column 9, line 51-column 10, line 55), said search results including broadcast events (broadcast television programs; column 4, lines 10-62);

said user interface being adapted to apply control signals responsive to user input indicating a first feature of each of said search results (column 4, lines 20-62 and column 9, line 51-column 10, line 55);

said processor being configured to selectively aggregate a subset of each of said search results having the first feature in common such that ones of said search results having a same value of said first feature are aggregated such that said ones are displayed as a single symbol (wherein all programming which begins with a particular letter is aggregated under that letter; Figs. 16-22 and column 9, line 51-column 10, line 55), said subset being expandable such that symbols representing each search result within the subset are displayed together with the single symbol upon user selection said

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single symbol (user selection of the letter to view the program listing; see Fig. 19-22; column 9, line 51-column 10, line 55).

As to claim 11, Eick discloses wherein the subset of said search results having a second feature and commonality with respect to the first feature (titles with more than one occurrence; see Fig. 22; column 10, lines 5-19), each of said subset of said search results being selectively displayable by said user interface developed along a second axis of said display area (channel vs time display indicating all of the occurrences of NOVA; column 10, lines 15-55).

As to claim 12, Eick discloses wherein said subset of said search results is displayed by said user interface along said second axis of said display area by indicating said symbol corresponding to said subset of said search results (column 10, lines 15-55).

As to claim 13, Eick discloses wherein said first axis is vertical (see Figs. 18-22) and said second is horizontal (Fig. 23).

As to claim 14, Eick discloses wherein said subset of said search results is displayed by said user interface along a second axis of said display area on a display control (see Fig. 19-23; column 9, line 51-column 10, line 55).

As to claim 15, Eick discloses a method of displaying search results (Figs. 2 and 16-23), comprising:

receiving user data indicating a first feature about which to consolidate search results (column 4, lines 20-62 and column 9, line 51-column 10, line 55), wherein said search results are obtained through utilization of a textual query (alphabetical text searching of program titles; Figs. 16-23 and column 9, line 51-column 10, line 55);

receiving user data indicating a second feature about which to consolidate said search results (user selection of a next letter; Fig. 21-22; column 9, line 51-column 10, line 55);

identifying search results having same values of said first feature and said second feature (see Figs. 20-22; column 9, line 51-column 10, line 55);

generating a display wherein each of said search results having said same values is depicted by a single symbol (see Figs. 16-22); and

expanding said each of said search results such that additional information about said each is displayed in response to said single symbol being indicated by a user (see Fig. 19-23; column 9, line 51-column 10, line 55).

As to claim 16, Eick discloses wherein said search results include broadcast events (broadcast television programs; column 4, lines 10-62).

As to claim 17, Eick discloses wherein said first feature and said second feature include title (searching by letters within the title; column 9, line 51-column 10, line 55).



As to claim 18, Eick discloses wherein the textual query is for a program title (column 9, line 51-column 10, line 55).

As to claim 19, Eick discloses wherein said processor is configured to expand said each of said search results in a hierarchical manner in response to said single symbol indicated by said user (see Fig. 19-23; column 9, line 51-column 10, line 55).

### ***Response to Arguments***

3. Applicant's arguments with respect to claims 1-19 been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

5. The following are suggested formats for either a Certificate of Mailing or Certificate of Transmission under 37 CFR 1.8(a). The certification may be included with all correspondence concerning this application or proceeding to establish a date of mailing or transmission under 37 CFR 1.8(a). Proper use of this procedure will result in such communication being considered as timely if the established date is within the required period for reply. The Certificate should be signed by the individual actually depositing or transmitting the correspondence or by an individual who, upon information and belief, expects the correspondence to be mailed or transmitted in the normal course of business by another no later than the date indicated.

### **Certificate of Mailing**

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Please refer to 37 CFR 1.6(d) and 1.8(a)(2) for filing limitations concerning facsimile transmissions and mailing, respectively.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James Sheleheda whose telephone number is (571) 272-7357. The examiner can normally be reached on 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Kelley can be reached on (571) 272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

James Sheleheda  
Patent Examiner  
Art Unit 2623

JS

  
CHRIS KELLEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600